

**FORM**  
**5**  
Rev  
09/14

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400795972

Date Received:

**DRILLING COMPLETION REPORT**

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type  Final completion  Preliminary completion

OGCC Operator Number: <u>100322</u>	Contact Name: <u>EILEEN ROBERTS</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(303) 2284330</u>
Address: <u>1625 BROADWAY STE 2200</u>	Fax: <u>(303) 2284286</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number: <u>05-123-39015-00</u>	County: <u>WELD</u>
Well Name: <u>Mahalo State</u>	Well Number: <u>AA09-74-1AHNC</u>
Location: QtrQtr: <u>SWSE</u> Section: <u>4</u> Township: <u>6N</u> Range: <u>63W</u> Meridian: <u>6</u>	
Footage at surface: Distance: <u>325</u> feet Direction: <u>FSL</u> Distance: <u>2340</u> feet Direction: <u>FEL</u>	
As Drilled Latitude: <u>40.509494</u> As Drilled Longitude: <u>-104.440592</u>	

GPS Data:  
Date of Measurement: 11/26/2014 PDOP Reading: 4.2 GPS Instrument Operator's Name: Toa Sagapolutele

\*\* If directional footage at Top of Prod. Zone Dist.: 573 feet. Direction: FNL Dist.: 1855 feet. Direction: FEL  
Sec: 9 Twp: 6N Rng: 63W

\*\* If directional footage at Bottom Hole Dist.: 372 feet. Direction: FSL Dist.: 1845 feet. Direction: FEL  
Sec: 9 Twp: 6N63 Rng: 63W

Field Name: WATTENBERG Field Number: 90750  
Federal, Indian or State Lease Number: \_\_\_\_\_

Spud Date: (when the 1st bit hit the dirt) 01/14/2015 Date TD: 01/21/2015 Date Casing Set or D&A: 01/22/2015  
Rig Release Date: 01/23/2015 Per Rule 308A.b.

Well Classification:  
 Dry  Oil  Gas/Coalbed  Disposal  Stratigraphic  Enhanced Recovery  Storage  Observation

Total Depth MD 11481 TVD\*\* 6660 Plug Back Total Depth MD 11464 TVD\*\* 6660

Elevations GR 4694 KB 4710 **Digital Copies of ALL Logs must be Attached per Rule 308A**

List Electric Logs Run:  
CBL/Mud/Gamma

**CASING, LINER AND CEMENT**

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	24	16	42	0	96	48	0	96	VISU
SURF	13+1/2	9+5/8	36	0	841	406	0	841	VISU
1ST	8+3/4	7	26	0	6,989	725	262	6,989	CBL
1ST LINER	6+1/8	4+1/2	11.6	6880	11,466				

### STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom

Details of work:

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analysis must be submitted to COGCC)
	Top	Bottom	DST	Cored	
PIERRE	991				
PARKMAN	3,528				
SUSSEX	4,307				
SHANNON	4,889				
NIOBRARA	6,598				

Comment:

WAITING ON COMPLETION. THIS WELL WAS DRILLED BUT NOT YET REPORTED AS COMPLETED. THE TOP OF THE PRODUCING ZONE, AS REPORTED, IS TAKEN FROM THE ORIGINAL DRILLING PLAN. AT THE TIME OF COMPLETION, THE EXACT FOOTAGES WILL BE REPORTED. A MIT WILL BE DONE ON THE WELL WITHIN TWO YEARS OF TD IF THE WELL HAS NOT BEEN REPORTED AS COMPLETED.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Eileen Roberts

Title: Regulatory Analyst I

Date: \_\_\_\_\_

Email: eroberts@nobleenergyinc.com

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<b>Attachment Checklist</b>			
400806559	CMT Summary *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
400806495	Directional Survey **	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Other Attachments</b>			
400806443	PDF-CEMENT BOND	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806447	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806456	PDF-MUD	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806459	LAS-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806461	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806463	PDF-GAMMA RAY	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
400806565	DIRECTIONAL DATA	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)